

evergladei. Not very common. 18.—*Centrarchus macropterus*. Flier. Common; a good foodfish. 19—*Enneacanthus gloriosus*. Speckled Perch. Common. 20—*Chaenobryttus gulosus*. Abundant. 21—*Mesogonistius chaetodon*. Common. 22—*Lepomis auritus*. Red Robin. Common. 23—*Lepomis pallidus*. Mud Perch. Common. 24—*Eupomotis gibbosus*. Sun Perch. Common. 25—*Micropterus salmoides*. Common. 26—*Perca flavescens*. Yellow Perch. Common. 27—*Hadropterus peltatus*. Several taken. 28—*Boleichthys fusiformis*. Common.

BARTON W. EVERMANN,
San Francisco, Cal.

NOTES ON CALIFORNIA FISHES.

Mr. T. S. Manning of Avalon, Cal., the secretary of the Tuna Club, furnishes some interesting notes. Two hundred and fifty-one specimens of the Japanese spear-fish, *Tetrapturus mitsukurii*, have been taken at Avalon in the last seven years. Their average weight is 182 pounds, the largest weighed 340 pounds and measured 10 feet and 10 inches. Mr. Manning has a photograph of one taken in Hawaii said to have weighed 736 pounds. Thus far no spear-fish has been recorded from Hawaii and this weight seems gigantic. The largest sword-fish taken at Avalon weighed 377 pounds, was 11 feet, 11 inches long. Mr. Manning sends specimens of a fish caught in very great schools at San Clemente and never noticed by anyone in that region before. It is the short-nosed saury, *Cololabis brevirostris*, of which hitherto less than a dozen specimens have been known.

DAVID STARR JORDAN,
Stanford University, Calif.

A RARE SHARK (*CARCHARHINUS LIM-BATUS*) ON LONG ISLAND.

On August 7, 1916, two sharks were caught in a bluefish net off Easthampton, Long Island. They